

**CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT**

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<b>COUNTRY</b>	Hungary	<b>REPORT</b>	
<b>SUBJECT</b>	Alumina Plant at Almásfűzitő	<b>DATE DISTR.</b>	20 January 1955
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		<b>REFERENCES</b>	

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE. THE APPRAISAL OF CONTENT IS TENTATIVE. (FOR KEY SEE REVERSE) 25X1

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1. The alumina plant of the Hungarian -Soviet Bauxite-Aluminum Enterprise (Maszobal) in Almásfűzitő is situated approximately 9 km. east of Komárom, 1 km. west-northwest of the station in Almásfűzitő, and between the highway Budapest-Vienna and the Danube. Most of the plant was built between 1942 to 1944; in 1947 further construction was started and the plant was completed in 1953.
2. Before 1944, the plant was a German-Hungarian enterprise; after 1945, it passed into Hungarian-Soviet ownership.
3. Railroad tracks lead from the Almásfűzitő station to the plant. The plant has its own electric power station.
4. The plant consists of the following operations sections: Crushing plant; leaching plant; stirring apparatus and aluminum hydrate filter; calcining section; dust removal through electric filter section; lye-dissolving section; chemical laboratory; control section and gas generator section.
5. Ten to sixteen carloads of bauxite, obtained from the surrounding area, are delivered to the plant daily. The alumina produced is then packed in 50-kg. bags and shipped by rail to the Aluminum Plant in Tatabánya.
6. The head of the Maszobal enterprise to which the plants in Ajka and Mosonmagyaróvár also belong, is Faynov (fnu). He speaks only Russian and supposedly was formerly a career soldier.
7. The plant employs approximately 500 persons, who work in three shifts. Their work is highly mechanized. In spring of 1953, Czech workers were used, to assemble the boilers for the power station and for the calcining station.
8. The plant is guarded by two guards at the entrances and by watch patrols. Air-raid shelters are located on the west side of the plant.

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(NOTE: Washington distribution indicated by "X", Field distribution by "#")

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## Legend to the attached sketch

1. L-shaped office building: 50 x 10 m. and 10 x 10 m.; two floors; entrance for workers on first floor.
2. Guardhouse: 20 x 6 m.
3. Chemical laboratory: 30 x 8 m., one-story building
4. Garage: 20 x 10 m.
5. Temporary wooden barrack: 10 x 15 m.; carpenter shop
6. Temporary wooden barrack: 10 x 15 m.; sheet-metal work shop
7. Temporary wooden barrack: 10 x 15 m.; paint shop
8. Lumberyard containing building material
9. Sawmill. Will be demolished, together with a lumberyard, after completion of the building program.
10. Warehouse and electric work-shop: 15 x 6 m.; one-story building
11. L-shaped building: 30 x 7 and 10 x 7 m. All buildings numbered from 5 to 11 will be demolished and removed after completion of the plant.
12. Bauxite depot, building: 50 x 35 m.. Crushing plant with a crane and eight to twelve crushing machines.
13. Leaching plant, building: 50 x 35 m.
14. Stirring apparatus and aluminum hydrate filter, building: 50 x 35 m.
15. Calcining section; building containing 6 rotary calciners, 50 x 35 m. Buildings 13, 14, and 15 are connected by a communication bridge on the first floor. The bridge between buildings 14 and 15 has a conveyor trolley.
16. Dust-removal through electric filter section: 20 x 6m., contains six filters; one-story building
17. Two temporary buildings: 10 x 5 m. ; one-story; will be demolished
18. Loading shed: 20 x 10 m., contains 6 - 8 stands
19. Control section and metal foundry; 30 x 18 m.; one-story building
20. Three wooden cooling towers, 18 m. high
21. Water filter: 12 x 8 m.; one-story building
22. Gas generator section: 25 x 12 m., contains eight generators; one-story building
23. Coalyard: 100 x 50 m., has concrete walls but no roof
24. Lye-dissolving section: 25 x 10 m.; one-story building
25. Electric power plant: 50 x 35 m., chimney 52 m. high; contains six BW boilers of 12 atmospheres absolute pressure and a chain grate and 2 steam turbines producing 12,000 kw. together.
26. Red mud, extending over an area of 100 x 50 m.
27. Pier on the Danube with a depot 10 x 10 m.
28. Pumping station: 10 x 8 m.; one-story building
29. Wire fence, 3 m. high, reinforced by concrete columns, encircles the plant as far as the Danube, has watch-towers every 200 m.
30. Air-raid shelter: 15 x 8 m.

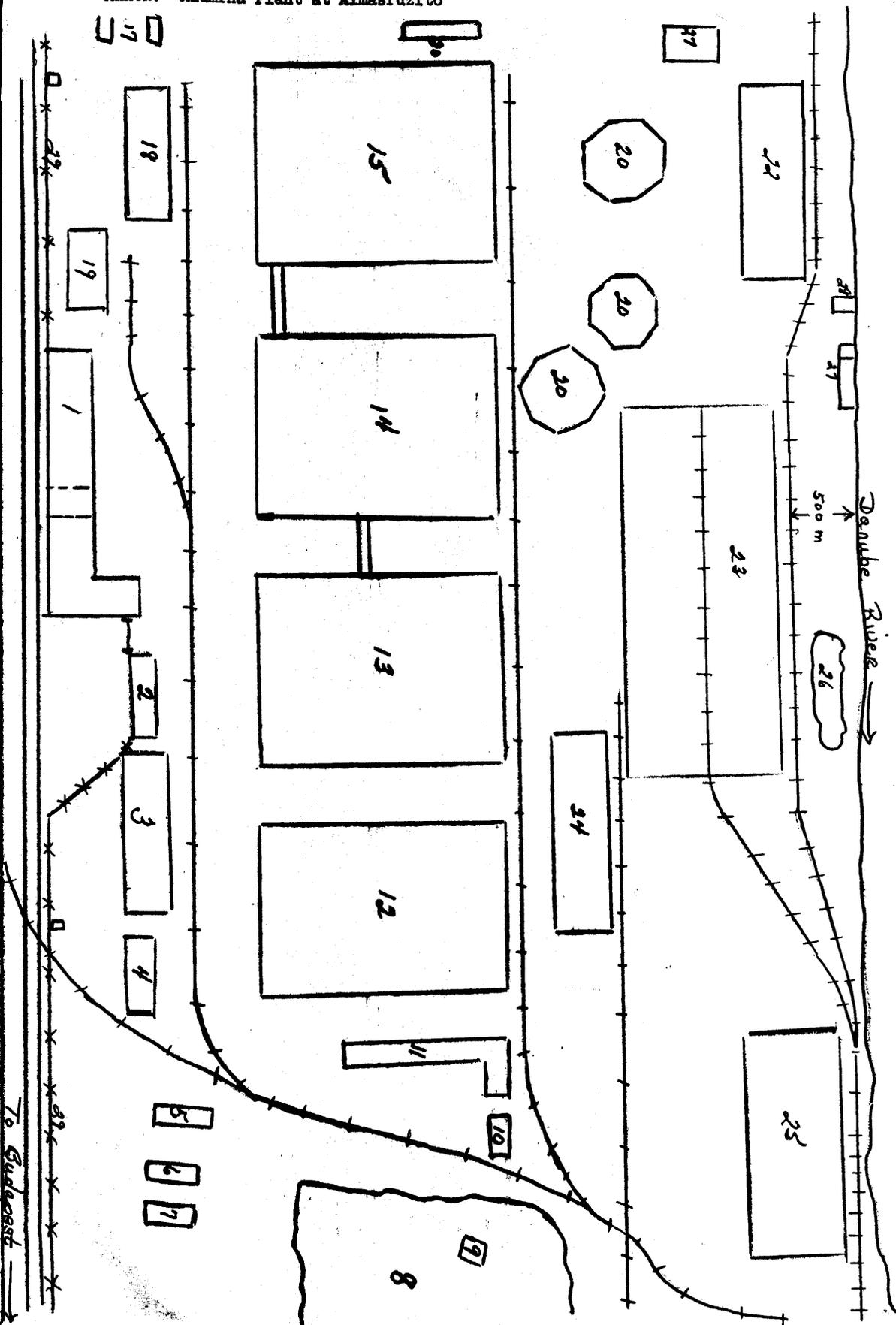
Annex: Alumina Plant at Almasfüzitö (2 pages)

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Annex: Alumina Plant at Almasfüzitő



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